

ABSTRACT

A recreational or competitive flying disc includes an illumination system employing an array of flexible optical fibers to distribute the light of a single light emitting diode (LED) from the rotational center of the disc to its outside periphery. A small
5 water-resistant compartment centered on the underside of the disc houses the LED, battery, and the illumination control. The leads of the LED also serve as the contacts of the battery. One end of each of the optical fibers is embedded in the LED, and the other end extends radially from the central housing on the underside surface of the disc to the rim of the disc. The flying disc is illuminated without
10 altering the aerodynamic properties of the disc.